

Rabbit anti-Human DUOX1 Polyclonal Antibody | anti-DUOX1 antibody

DUOX1 Antibody

CATALOG # AAA231295	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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PRODUCT SYNONYMS

DUOX1; Polyclonal Antibody; DUOX1 Antibody; Dual oxidase 1; Large NOX 1; Long NOX 1; NADPH thyroid oxidase 1; Thyroid oxidase 1; DUOX; LNOX1; THOX1; anti-DUOX1 antibody

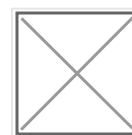
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Sequence Length	1551
Applicable Applications for anti-DUOX1 antibody	IHC (Immunohistochemistry), ELISA
Species	Human
Immunogen	Recombinant human Dual oxidase 1 protein (C-240AA)
Conjugate	Non-conjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-48856 / sc-48858 / sc-48859 / sc-98898
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human pancreatic tissue AAA231295 at dilution 1:100



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human testis tissue AAA231295 at dilution 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-DUOX1 antibody	Generates hydrogen peroxide which is required for the activity of thyroid peroxidase/TPO and lactoperoxidase/LPO. Plays a role in thyroid hormones synthesis and lactoperoxidase-mediated antimicrobial defense at the surface of mucosa. May have its own peroxidase activity through its N-terminal peroxidase-like domain.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	20149640
NCBI GeneID	53905
NCBI Accession #	NP_059130.2
NCBI GenBank Nucleotide #	NM_017434.4
UniProt Accession #	Q9NRD9; Q14C94; Q6ZMB3; Q6ZR09; Q9NZC1; A6NH28
Molecular Weight	137,604 Da
NCBI Official Full Name	dual oxidase 1
NCBI Official Synonym Full Names	dual oxidase 1
NCBI Official Symbol	DUOX1
NCBI Official Synonym Symbols	LNOX1; THOX1; NOXEF1
NCBI Protein Information	dual oxidase 1
UniProt Protein Name	Dual oxidase 1
UniProt Gene Name	DUOX1
UniProt Synonym Gene Names	DUOX; LNOX1; THOX1
UniProt Entry Name	DUOX1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/duox1-antibody-immunohistochemistry-elisa/231295>